

PyGrabber

PyGrabber is a Python script that implements a simple polling mechanism to grab data from a source system. It can be used as a starting point for building a custom data extraction tool that fits your specific needs.

Getting started

1. Clone the repository:

```
git clone https://github.com/meirm/pygrabber.git
cd pygrabber
```

2. Install the requirements:

```
pip install -r requirements.txt
Customize the script:
```

3. Open grabber.py in your favorite text editor and modify the variables in the **init** method to match your environment and requirements. For example, you might need to change the clusterpath variable to point to the location of your data cluster, or change the poll_interval variable to control how often the script should poll for data.

4. Run the script:

```
python grabber.py
```

The script will start polling for data and writing it to a file in the data directory.

Usage

PyGrabber uses a simple polling mechanism to grab data from a source system. The main logic of the script is contained in the run method, which is called by the **init** method when an instance of the PyGrabber class is created.

By default, the script polls for data every second and writes it to a file in the data directory. You can customize the polling interval by changing the poll_interval variable in the **init** method.

PyGrabber also supports several Unix signals that can be used to control its behavior. Here are the supported signals:

SIGTERM: stops the script, renames the jobs to "interrupted", and exits

SIGUSR1: dumps the current status of the script

SIGUSR2: pauses or resumes the polling loop

To send a signal to a running instance of PyGrabber, use the kill command with the PID of the Python process that's running the script. For example, to send a SIGTERM signal to a PyGrabber instance with PID 1234, run:

```
kill -SIGTERM 1234
```

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